Serial No.: 10/589,852 2 (HIR.228)

Docket No. PKHF-05004US

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 15, line 20 with the following Amended paragraph:

H, Li, Na, K, Rb, Cs, Fr, Be, Mg, Ca, Sr, Ba, Ra, Mn, Fe, Co, Ni, Pd, Cu, Ag, Au, Zn, Cd, Hg, Tl, Pb Rb and the like are given as gallium substitution p-type dopants any one of which is substituted for Ga. P and the like are given as oxygen substitution p-type dopants any one of which is substituted for oxygen.